BUTLER UNIVERSITY BOTANICAL STUDIES

Edited by
RAY C. FRIESNER

Assisted by
C. MERVIN PALMER and JOHN E. POTZGER

VOLUME VIII 1946-1948

PUBLISHED AND FOR SALE BY THE
DEPARTMENT OF BOTANY
BUTLER UNIVERSITY
INDIANAPOLIS 7, INDIANA
U. S. A.

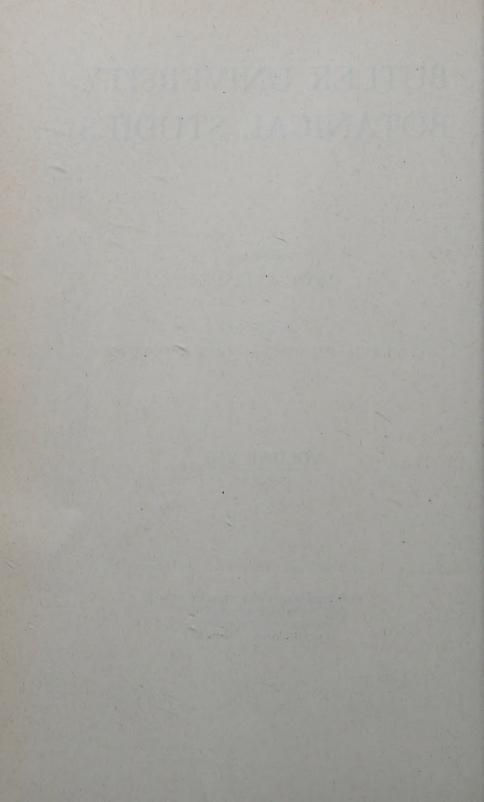


TABLE OF CONTENTS

VOLUME VIII

1946-1948

	Page
A five-year dendrometer record in two trees of Pinus strobus. Issued February 1, 1947Ray C. Friesner and Gershom Walden	. 1
The Cabin Creek raised bog, Randolph County, Indiana. Issued February 1, 1947	24
A study of the distribution of the grasses of Indiana. Issued February 1, 1947	44
An ecological study of the Klein woods, Jennings County, Indiana. Issued February 1, 1947 Carl O. Keller	64
A study of bacteria found in the distribution system of a water plant. Issued February 1, 1947Mabel Grace Morris	82
A comparative study of the bacterial content of vanilla and chocolate ice cream from two Indianapolis producers. Issued February 1, 1947Leander C. Parker	101
Species of Tolypella in Nebraska. Issued February 1, 1947Fay Kenoyer Daily	113
Notes on the algae—I, II. Issued February 1, 1947. William A. Daily	118
Notes of the algae—III. Issued May 15, 1948William A. Daily	121
Nitella capillata A. Br. in North Carolina. Issued May 15, 1948	123
Fossil diatoms from Lakeville bog, Indiana. Issued May 15, 1948	126
A direct microscopic study of the effect of temperature on bacterial count of milk. Issued May 15, 1948	139
Progress in succession in the Pennington grove of Pinus virginiana. Issued May 15, 1948John E. Potzger and Esther W. Potzger	153

	1 age
A pollen study in the tension zone of Lower Michi-	
gan. Issued May 15, 1948John E. Potzger	161
Forests of the past along the coast of southern	
Maine. Issued May 15, 1948John E. Potzger and	
Ray C. Friesner	178
Antibiotic behavior patterns of living cultures of	
Pseudomonas. Issued May 15, 1948Robert L. Kent	204
A study of abundance of stems per acre in relation	
to age of stand. Issued May 15, 1948 Charles D. Griffin	219